7 & Y Ward — Job code No 003-22-000030.

SBR No. 67/23-24
DATED 23/11/2023

# M. A. R. 57 (Rule 116)

No. D 260501

EE/ELE/Y/BR.No.............

## Measurement Book

Dt.............

Serial No. ..... Providing and Installation of Decorative Safety Street Light Poles

Name of work ... and lights from Thimmaiah Doddi From ..... To M.S. Palya Circle in Ward No 3.

Name of Contractor of nature of Agency. Sri Madhusudhan A N (Electrical [illegible])

Date of commencement of work. EE (Project) [illegible] W.O 045/22-23 Date 15/10/22

Agreement No EE(Proj)/[illegible]/AG/36/22-23 dt 15/10/22

| Date<br>1 | Full description, etc, of work<br>2 | Dimensions: Number<br>3 | Length<br>4 | Breadth<br>5 | Depth<br>6 | Contents<br>7 | Reference to last Measurement<br>8 |
|---|---|---|---|---|---|---|---|
| 3) | Earth work excavation by manual way. For Detailed Rate & Details ref OMB | | 80.93 cum | | 296.01 | Rs. | 23954.30 |
| 4) | Cost of Haulage including loading and unloading away out 25 km. For Detailed Rate & Details ref OMB | | 103.88 t.km | | 45.54 | Rs. | 4717.63 |

CAC [signature] 15/7

Assistant Executive Engineer (Ele)
BBMP, Bangalore

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 6) | Providing and laying in Position & Detailed Description & Details with Band 1:3:6 (M10) Cement Concr. | | 8.09 | Cum | | | 5999.44 |
| 7) | Providing and laying in Position Providing & Detailed Size & Details with Band M20 Design mix Cement 20mm Nominal Size | | 53.22 | Cum | 7478.52 | | 398034.63 |
| 8) | Supplying, Fitting and Placing Reinforcement Bar Reinforcement in Sub-Structure | | | | | | |

CFC
CC.No.Bad/1st

Assistant Executive Engineer (Ele)
SBMP, Bangalore

**M. A. R. 57 (Rule 116)** **No. D** 260502

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 2x Detailed Est & Detailed ~~estimate~~ for | | | | | | |
| | | | 2.27 | Ton | 117639.09 | Rs. | 267553-18 |
| 12) | Supply of LED street light luminaire. | | | | | | |
| | 2x Detailed Est & Detailed ~~estimate~~ for | | | | | | |
| | LED street light pole | | 63 | Nos | 7446.53 | Rs. | 466883-68 |
| | above 12m. | | 31 | Nos | 7446.53 | Rs. | 235650-01 |
| 13) | Supply of LED street light luminaire with | | | | | | |

CPC
Ex. Board Rs

Assistant Executive Engineer (E/M)
BBMP, Bangalore

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Fr Detailed Est & Detailed Est & MB | | | | | | |
| | Street Light 120 Watts | | 50 | nos | 952.92 | Rs. | 478096-00 |
| 14) | Supply of CFL Street Light Luminary. | | | | | | |
| | Fr Detailed Est & Detailed Est & MB | | | | | | |
| | Street Light 150 Watts | | 242 | nos | 1273.39 | Rs. | 308075-46 |
| 15) | Supplying & laying of 4 core aluminium | | | | | | |
| | Fr Detailed Est & Detailed Est & MB | | | | | | |
| | 32 mm dia GI pipe laid | | 125 | mts | 864.22 | Rs | 108027-66 |
| | above ground. | | 306 | mts | 864.22 | Rs. | 264495-72 |

CFC
Assistant Executive Engineer (Ele)
BBMP, Bangalore

**M. A. R. 57 (Rule 116)** **No. D** 260503

**Measurement Book**

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (6) | Fabricating, supplying and erecting steel Structural work in Detailed as per drg & Detailed specification | | 21 | MT | 7305-00 Rs. 13804-24 | | 289868-04 289868-04 263406-20 CFC |
| (7) | Supplying and fixing telescopic MS bracket in Detailed as per drg & Detailed specification single bracket 1.5m length bracket as per drg No 125/. | 5 | 16 | NOS | 1241-99 Rs. 1241-99 Rs. | | 6209-95 19871-84 |

Assistant Executive Engineer (Ele.)
BBMP, Bangalore

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (8) | Supplying & fitting CTVS cable XLPE | | | | | | |
| | & Detailed Est & Details as per | | | | | | |
| | 3.5 core 35 Sqmm | | 3035 | mtr | 186.30 | Rs | 565409-83 |
| 20) | Supplying & fitting CTVS cable XLPE | | | | | | |
| | & Detailed Est & Details as per | | | | | | |
| | 3.5 core 35 Sqmm | | 500 | mtr | 232.87 | Rs | 116437-37 |
| 21) | Labour charges & Laying & fitting | | | | | | CFC |
| | & Detailed Est & Details as per | | | | | | |
| | 25 Sqmm 4C 7.5 Sqmm | | 3535 | mtr | 16.04 | Rs | 56687-74 |

Assistant Executive Engineer (Elec)
BBMP, Bangalore

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

260504

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | | Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 22) | Digging a trench for Detailed PDCs as per Schedule ordinary | 4 Nos | 0.60 mtr | 0.30 mtr | | | |
| | | Details as per sketch | | | | | |
| | | | 2400 mtr | | 78.00 | Cu. | 195855-89 |
| 23) | Supplying and drawing Multi core | | | | | | |
| | PVC Detailed PDCs as per Schedule | Details as per sketch | | | | | |
| | 3C X 1.5 Sq mm | | 2187.50 mtr | | 56.92 | Cu. | 124512.70 |
| | Alu 1.1 kV. | | 232.50 mtr | | 56.92 | Cu | 13233-92 |

EFC
Asst. Executive Engineer (Ele)
BBMP, Bangalore

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 24 | Supplying cement mixing & casting A(modified | | | | | | |
| | to Detailed est & Activity wise GMB | | | | | | |
| | 150mm. | | 60 | ng | 366.72 | -G | 20803-53 |
| 25 | Supplying cement mixing CT casting from Ant | | | | | | |
| | to Detailed est & Activity wise GMB | | | | | | |
| | 355mm | | 12 | ng | 362.25 | -G | 4347-02 |
| 26 | Supplying stirrup cover using cement | | | | | | |
| | to Detailed est & Activity wise GMB | | | | | | |
| | 25mm Jute brand | | 830 | ng | 20.70 | -F- | 17182-49 |
| | abw/25%. | | 332 | ng | 20.70 | -F- | 6873-00 |

CEC
Assistant Executive Engineer
BRMP, Bangalore

**M. A. R. 57 (Rule 116)** **No. D** 260505

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | | Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 27 | Supplying & laying cut cunning Earth Stranded Gr Detailed I&E & Details as per SMB | | 6 | mg | 4285-22 Qr | | 25771-32 |
| 28 | Supplying cut & laying cut from Non-Metallic Detailed I&E & Details as per SMB Conductor Gm | | 48 | mg | 2637-92 Qr | | 12668. Qr |
| 29 | Fabricating supplying and mounting | | | | | | |

CFC
Gen. Branch Div

Assistant Executive Engineer (Ele)
BSMP, Bangalore

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | As Detailed SDR & | Detailed | | | | | |
| | 16SWG | | 210,000 | Spec | 0.36 | Tr | 76596.66 |
| 30) | Supplying & fixing | moulded | cast | | | | |
| | As Detailed SDR & | Detailed | | Tr | mB | | |
| | 100A 2Pole | | 6 | Nos | 6023.95 | Tr | 39743.67 |
| 31) | Fixing hardware/metal | handrail | SWG | 12 | GI | | |
| | As Detailed SDR & | Detailed | | Tr | mB | | |
| | | | 342 | Nos | 1812 | Tr | 619443.39 |
| 32) | Supplying & | | | | | | |

CSC.
TCN. Bangalore
Assistant Executive Engineer
BBMP, Bangalore

**M. A. R. 57 (Rule 116)** **No. D** 260506

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | | Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | As Detailed Abs & Details in MB | | | | | | |
| | 25x3mm Copper Strip | | 30 | mtr | 522.67 | Kg | 15680-13 |
| 33) | Supplying & laying of water tight fill Weg Bank. | | | | | | |
| | As Detailed Abs & Details in MB. | | | | | | |
| | | | 63 | sq | 201.92 | Sq. | 21905-23 |
| 34) | Supplying & fixing of Porcelain feeder complete | | | | | | CEC Rec. Book 157 |
| | As Detailed Abs & Details in MB | | | | | | |

Assistant Executive Engineer (Elec.)
BBMP, Bangalore

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 63A | | 18 | Mg | 2348 | ₹- | 4229-02 |
| 35) | Supplying and fixing of Spiral Earth. | | | | | | |
| | As Detailed Est & Details in MB | | | | | | |
| | | | 83 | Mg | 5077 | ₹ | 42446-57 |
| 36) | Erection of steel supports of Mg | | | | | | |
| | As Detailed Est & Details in MB | | | | | | |
| | welding of Pole. | | 150 | Mg | 311-12 | -₹ | 31111-87 |
| 37) | Fixing Halogen/metal Fan body | | | | | | |
| | As Detailed Est & Details in MB | | | | | | |

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Assistant Executive Engineer
BBMP, Bangalore

**M. A. R. 57 (Rule 116)** **No. D** 260507

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions | | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | | Length | Breadth | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Excavating earth | | 100 | Avg | 162-49 | C- | 16243-94 |
| 38) | Hiring of 35 Ton capacity Crane for | | | | | | |
| | lifting and placing the | | | | | | |
| | | | 100 | Avg | 5671-00 | C- | 56718-00 |
| | | | | | | | CSC |
| 39) | Remotely controlled and monitorable | | | | | | |
| | & Detailed Rpt & Detailing | | | | | | |
| | | 6 | | Avg | 71186-71 | C- | 427120-25 |

Assistant Executive Engineer (E e
BBMP, Bangalore

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 40) | Remarks Cutting for Detailed Est & Detailing etc (CMB) Single Phase. | | CU | Rft | 3084.27 Rft. | | 5542137-22 |
| 41) | Fabricating & Supplying Cut Section for Detailed Est & Detailing etc (CMB) TUSK Duty | | 83 | Rft | 12075-88 Rft | | 10018587-78 |
| 42) | Laying & UG cabling by trenchless for Detailed Est & Detailing etc (CMB) Normal soil 5/6" Bore Rft | | 450 | Rft | 877-66 Rft | | 13165162 |

Assistant Executive Engineer
BBMP, Bangalore

**M. A. R. 57 (Rule 116)** **No. D**

Measurement Book

260508

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | | Dimensions | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | ELBC | | | | | | |
| 61 | Aerial bunched cable (ABC) for LT Aerial Tr Detailed UPS & Details in GM B | | | | | | |
| | 3x25+1x25+1x16 Sqmm | | 1.00 | KM | 205395.75 /- | | 205395.75 |
| | | | | | | | CFC |
| | | | | | | | Assistant Executive Engineer (Ele) BBMP, Bangalore |
| 62 | Labour Tr Aerial bunched Cable duly Tr. Detailed UPS & Details in GM B. | | | | | | |
| | | | 1.00 | KM | 26743.37 /- | | 26743-37 |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 63 | Supply & suspension CSP & fabb A/s for Detailed Est & Detailed ~~est~~ at GMB | | | | | | |
| | | | 25 | 2nos | 1850.37 | -do- | 4709-25 |
| 64 | Providing Concrete cradle for 16 Spare for Detailed Est & Detailed ~~est~~ at GMB | | | | | | |
| | | | 42 | 2nos | 1534.22 | -do- | 6477-03 |
| 65 | Dead end CSP Anchoring CSP Assembly for Detailed Est & Detailed ~~est~~ at GMB | | | | | | |
| | | | 4 | 2nos | 1511 | -do- | 6044-44 |
| 66 | Erection of suspension CSP 25 to 95 sqm for Detailed Est & Detailed ~~est~~ at GMB. | | | | | | |

CHC
Asst. Executive Engineer
BBMP, Bangalore

**M. A. R. 57 (Rule 116)** **No. D 260503**

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions | | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | | Length | Breadth | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | 35 | as | 7038 | -C- | 1759-50 |
| E7 | Installation & Intallation Rising | | | | | | |
| | & Detail for RM wk | | | | | | |
| | | | 42 | as | 301-19 | -U- | 12649-77 |
| GB | Fixing & Decorated Cap | | | | | | |
| | & Detail for RM wk | | | | | | |
| | | | 4 | as | 301-19 | -U- | 1204-74 |

CFC
Ref. Page 15

Assistant Executive Engineer (E.E
BBMP, Bangalore

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 5q | Fabricating supplying and erection of 2 No Detailed RCC & Detailed GMB 2(6)-2ag bent type Rail. | 6 | nos | 99891-25 | | | 557347.50 22278451.65 |
| | | | | | | Say | 22351989.84 |
| | Add GST 18% Item no 01 to 38 & 42 | | | | | Say | 1718505.59 1705208.71 |
| | | | | | | Say | 24070495.43 |
| | | | | | | | 23983720.36 |

CRC
Recd. Bill
Assistant Executive Engineer (Elect)
BBMP, Bangalore

**M. A. R. 57 (Rule 116)**
Measurement Book

No. D 260510

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Number | Dimensions Length | Breadth | Depth | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Certificate: Certify that the work has been carried out satisfactorily. | | | | | | |

Assistant Executive Engineer (Ele)
BBMP, Bangalore

SBR No. 67/23-24

DATED 23/11/2023

# MEASUREMENT BOOK

EE/ELE/Y/BR.No.....

Dt.....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| IST & Findings | 23983720:00 | | | | | | |
| IT 1% | 239837:00 | | | | | | |
| LWC 1%. | 239837:00 | | | | | | |
| CBT-01%. | 23984:00 | | | | | | |
| CGST 1%. | 239837:00 | | | | | | |
| SGST 1%. | 239837:00 | | | | | | |
| IR | 8400:00 | | | | | | |
| Deduction | 991732:00 | | | | | | |
| by cheque | 22991988:00 | | | | | | |

P2415 Reserve fund for Tond & Committee

23983720:00

22991988:00

991732:00

21/11/23